

Additional File 3. SOLiD colorspace reads statistics

| Solid reads orientation | F3 | R3 |
|---|-------------------------|-------------------------|
| file size (csfasta & qual) | 8.2 GB & 20 GB | 8.2 GB & 20 GB |
| Maximum Read Length | 50 | 50 |
| Minimum Read Length | 50 | 50 |
| Total Number of Reads | 126824255 (126 million) | 126824255 (126 million) |
| Total Number of HQ mate pairs | 103221254 (103 million) | 103221254 (103 million) |
| Total Number of Q20 HQ Reads (mate-pair & orphans) | 114210103 (114 million) | 112773452 (112 million) |
| Percentage of Q20 HQ Reads | 90.05 | 88.92 |
| Total Number of Bases | 6341212750 | 6341212750 |
| Total Number of Bases in Mb | 6341 Mb | 6341 Mb |
| Total Number of Ns | 22962009 | 39215454 |
| Total Number of Ns in Mb | 22.9 Mb | 39.2 Mb |
| Percentage of Non-ATGC Characters | 0.36 | 0.62 |
| Number of Reads that contains Ns | 6534224 | 2941993 |
| Percentage of Reads that contains Ns | 5.15 | 2.32 |